## IN THE CLAIMS:

(Currently Amended) A composition for hair comprising a block copolymer (A) represented by the following general formula (1):

General formula (1)

[wherein R<sup>1</sup> independently designates univalent hydrocarbon groups free of aliphatic unsaturation, hydroxyl groups, or alkoxy groups;

Y1 designates a bivalent organic group;

R<sup>2</sup> independently designates hydrogen atoms, hydroxyl groups, substituted or unsubstituted univalent hydrocarbon groups, alkoxy groups, or groups represented by the following formula:

$$-Y^{4}-O-(C_{2}H_{4})_{b1}\cdot(C_{3}H_{6}O)_{b2}-Y^{2}-\\ -Y^{1}-O-(C_{2}H_{4}O)_{b1}\cdot(C_{3}H_{6}O)_{b2}-Y^{2}$$

(wherein Y<sup>2</sup> is a hydrogen atom or a substituted or unsubstituted univalent hydrocarbon group);

"a" is 1 or a greater integer;

"bl" is 1 or a greater integer; .

"b2" is 0, 1 or a greater integer;

"c" is 1 or a greater integer;

the average molecular weight of the polyorganosiloxane block (A) represented by formula:

is equal to or exceeds 10,500;

the polyorganosiloxane block constitutes 50 to 99 mass % of block copolymer (A);

the average molecular weight of the polyoxyalkylene block represented by formula;

is within the range of 130 to 10,000; and

the average molecular weight of block copolymer (A) is equal to or higher than 50,000].

- (Previously Presented) The composition of Claim 1, wherein the content of block copolymer (A) is within the range of 0.01 to 10 mass % (per total weight of the composition as a reference).
- 3. (Currently Amended) The composition of Claim 1, further comprising a block copolymer (B) of at least one type represented by general formula (2) with the content within the range of 0.01 to 10 mass % (per total weight of the composition as a reference):
  General formula (2)

[wherein R<sup>3</sup> independently designates substituted or unsubstituted univalent hydrocarbon groups or groups of the following formula:

$$-Y^3 - O - (C_2H_4)_{b3} + (C_3H_6O)_{b4} - Y^4$$
  
 $-Y^3 - O - (C_2H_4O)_{b3} + (C_3H_6O)_{b4} - Y^4$   
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(wherein  $Y^3$ , b3, and b4 are defined below,  $[[y^4]]$   $\underline{Y^4}$  designates hydrogen atoms or a substituted or unsubstituted univalent hydrocarbon group);

Y3 designates a bivalent organic group;

R<sup>4</sup> independently designates hydrogen atoms, hydroxyl groups, substituted or unsubstituted univalent hydrocarbon groups, alkoxy groups, or groups represented by the following formula:

$$-Y^{3}-O-(C_{2}H_{4})_{b3}\cdot(C_{3}H_{6}O)_{b4}-Y \\ -Y^{3}-O-(C_{2}H_{4}O)_{b3}\cdot(C_{3}H_{6}O)_{b4}-Y^{4};$$

"a' " is an integer within the range of 1 to 1350;

"b3" and "b4" are, respectively, integers within the range of 0 to 220 (but b3 and b4 cannot be both 0):

"c' " is an integer within the range of 0 to 50; when c' is 0, at least one of the groups designated by  $\mathbb{R}^3$  or  $\mathbb{R}^4$  is represented by the formula:

$$\frac{-Y^3-O-(C_2H_4O)_{b3}\cdot(C_3H_6O)_{b4}-Y^4-}{-Y^3-O-(C_2H_4O)_{b3}\cdot(C_3H_6O)_{b4}-Y^4};$$

the average molecular weight of the polyorganosiloxane block represented by formula:

is within the range of 134 to 10,000;

the polyorganosiloxane block constitutes 0.7 to 97.5 mass % of block copolymer (B);

the average molecular weight of the polyoxyalkylene block represented by formula:

- 
$$(C_2H_4O)_{b3} (C_3H_6O)_{b4}$$
 -

is within the range of 130 to 10,000; and

the average molecular weight of block copolymer (B) is within the range of 650 to 100,000].

4. (Previously Presented) The composition of Claim 1, further comprising a silicone compound (C) of at least one type expressed by below given general formula (3) that is contained in an amount of 0.01 to 10 mass % (per total weight of the composition as a reference).

General formula (3)

[In the above formula,  $R^9$  independently designates hydrogen atoms and substituted or unsubstituted univalent hydrocarbon groups;  $X^1$  designates a reactive functional group represented by formula:

$$-R^{11}-Z^{1}$$

(where  $R^{11}$  is a direct bond or a bivalent hydrocarbon group with 1 to 20 carbon atoms, and  $Z^1$  is a group that contains a reactive group);  $R^8$  are independently hydrogen atoms, hydroxyl groups, substituted or unsubstituted univalent hydrocarbon groups, alkoxy groups, or groups represented by  $X^1$ ;  $R^{10}$  represents either  $R^9$  or  $X^1$ ; "q" is an integer that may be at least 1; "r" is 0 or an integer that may be at least 1; and the average molecular weight of component (C) is within the range of 250 to 1,000,000.]

(Previously Presented) The composition of Claim 4, wherein in General formula
 for silicone compound (C), Z<sup>1</sup> designates an amino-containing group or an ammonium-containing group; when r = 0, and at least one R<sup>8</sup> is X<sup>1</sup>.

6. (Previously Presented) The composition of Claim 1, further comprising a cationic surface-active agent (D) of at least one type comprising any of the compounds represented by general formulae (4), (5), and (6):

General formula (4)

General formula (5)

General formula (6)

[where in general formula (4),  $R^{12}$  designates an alkyl group with 10 to 24 carbon atoms, hydroxyalkyl groups, acyloxyalkyl groups bonded to alkyl groups with 10 to 24 carbon atoms, or amidoalkyl groups;  $R^{14}$  and  $R^{15}$  independently designates benzyl groups, hydroxyalkyl groups, or alkyl groups having 1 to 3 carbon atoms;  $R^{13}$  may be  $R^{12}$ ,  $R^{14}$ , or  $R^{15}$ ; and X designates a halogen atom or an alkyl sulfuric acid group;

where in general formula (5), at least one of R<sup>21</sup>, R<sup>22</sup>, R<sup>23</sup>, and R<sup>24</sup> designates an aliphatic acryloxy (polyethoxy) ethyl group, alkenyl group, and a linear or branched alkyl group that

contain 8 to 35 of total carbon atoms and can be OH-substituted or fissured by functional groups of the following formulae: - O -, - CONH -, - OCO -, or - COO -. The remaining groups may comprise hydroxyalkyl or alkyl groups with 1 to 5 carbon atoms, or polyoxyethylene groups with the total addition number not exceeding  $10.~\rm X^-$  designates a halogen ion or an organic anion; and

where in general formula (6),  $R^{25}$  designates an alkenyl group and a linear or branched alkyl group that contain 8 to 35 of total carbon atoms and can be OH-substituted or cleaved by functional groups of the following formulae: -0 -, - CONH -, - OCO -, or - COO -.  $R^{26}$  independently designates a hydroxyalkyl group, alkenyl group, or alkyl group with 1 to 22 carbon atoms).

- 7. (Original) The composition of Claim 1, further comprising a surface-active agent (E) of at least one type selected from an anionic surface-active agent, amphoteric surface-active agent, and nonionic surface-active agent, said agent being used in an amount of 0.01 to 40 mass % (per total weight of the composition as a reference).
- 8. (Previously Presented) The composition of Claim 1, further comprising a water-soluble polymer (F) added in an amount of 0.01 to 10 mass % (per total weight of the composition as a reference).
- 9. (Original) The composition of Claim 1, wherein said block copolymer (A) is dissolved in a liquid cyclic silicone (G).
- (Original) The composition of Claim 1, wherein said block copolymer (A) is dissolved in a liquid chain silicone (H).

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- (Original) The composition of Claim 1, wherein said block copolymer (A) is dissolved in a liquid isoparaffin-type hydrocarbon (I).
- (Original) The composition of Claim 1, wherein said block copolymer (A) is dissolved in a liquid or hard ester oil (I).
- 13. (Original) The composition of Claim 1, comprising an emulsion type composition obtained by emulsifying a solution formed by dissolving said block copolymer (A).
- 14. (Previously Presented) The composition of Claim 13, wherein the emulsion type composition is further compounded with 0.01 to 10 mass % (per total mass of the composition as a reference) of a water-soluble polyhydric alcohol (K).